

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number  
**WO 2005/062875 A3**

(51) International Patent Classification<sup>7</sup>: **E06B 3/32**

(21) International Application Number:  
PCT/US2004/043043

(22) International Filing Date:  
21 December 2004 (21.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/531,874 22 December 2003 (22.12.2003) US  
60/571,605 13 May 2004 (13.05.2004) US

(71) Applicant (for all designated States except US): **HUNTER DOUGLAS INC.** [US/US]; 2 Park Way, Upper Saddle River, NJ 07458 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JELIC, Ralph, G.** [US/US]; 1602 Pika Road, Boulder, CO 80302 (US). **COLSON, Wendell, B.** [US/US]; 14 Byron Road, Weston, MA 02493 (US). **SWISZCZ, Paul, G.** [US/US];

7542 Estate Circle, Niwot, CO 80503 (US). **JELIC, Kim** [US/US]; 1602 Pika Road, Boulder, CO 80302 (US). **FOGARTY, Daniel, M.** [US/US]; 66 Belvidere Avenue, Framingham, MA 01702 (US). **THRONE, Jason, T.** [US/US]; 238 Union Street, Rockport, ME 04856 (US).

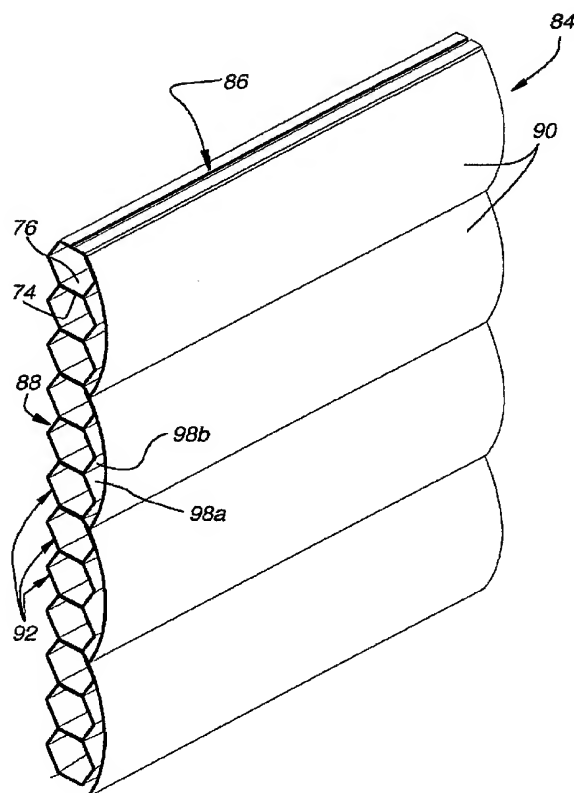
(74) Agents: **POLUMBUS, Gary, M.** et al.; Dorsey & Whitney LLP, 370 Seventeenth Street, Suite 4700, Denver, Colorado 80202-5647 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: RETRACTABLE SHADE FOR COVERINGS FOR ARCHITECTURAL OPENINGS



(57) Abstract: A retractable cellular shade is illustrated in various embodiments to consist of a support structure that could assume numerous forms including cellular material, flexible sheets of material, tapes or ribbons, or flexible monofilaments or similar cords of natural or synthetic fibers with the support structure supporting a plurality of vanes or slats in various configurations and orientations. The movement of the vanes or slats is totally dependent upon movement of the support structure. The fabric so formed can be incorporated into a covering for architectural openings with the covering including a headrail with means for gathering the fabric material within the headrail.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *of inventorship (Rule 4.17(iv))*

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

**(88) Date of publication of the international search report:**

6 April 2006

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*